

21/32

FIGURE 14B

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180  
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320  
340  
360  
380  
400

E L F A S R I M N V T S A T L S  
 V N Y G T D R I Q S V E A V F K P V T  
 S G N F R L L P N C Y S K F A N R H A  
 G L T P V S L P L E T I S T F T L R T P  
 F I K M L I T F K I R A E P W F Y S P  
 G A I V C C M S R A Y G T A V A R G H  
 E M K L F C K I K Y A R W Q Y E N C  
 E L R V V L N F E P A R M C G L D I Q  
 S I L S S E H R T I K L Q R L P F D T S  
 S V Q V G F Y P L N V L H C C V P C T E S  
 V T R L Y I V I D V M M T F T N C T W T  
 N S D L I S L V I M L Q S C Y L L S Q D  
 A L W D I A P W I F L I H G D I G C G S  
 D F C A I T Q C G V F Q Q M I S I P G P  
 L T V A F D T C G I C P H D I F N L V C Q  
 K L A A Q L C G N Y I A A I P I F T E A  
 D L V L V L I L N T Y H S C C D Y A Q V A  
 M V M S L V A M W S F E Q L V G R G A V  
 V V V E D Y L G N A K P T I V L R L D L  
 K L I I L Y A Q S V A R K N N F I R P  
 1  
21  
41  
61  
81  
101  
121  
141  
161  
181  
201  
221  
241  
261  
281  
301  
321  
341  
361  
381

-11-

vertical bars indicate S.E.M. Data are presented as percent maximum cAMP released by 5-HT (basal cAMP release:  $0.023 \pm 0.004$  pmol/ml/10 min; maximum cAMP release:  $0.57 \pm 0.04$  pmol/ml/10 min).

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**Figure 11A:** Nucleotide sequence of the partial human S10-87 clone. Only partial 3' untranslated sequences are shown (SEQ. ID NO. 14).

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**Figure 11B:** Deduced amino acid sequence encoded by the nucleotide sequence of Figure 11A of the partial human S10-87 clone (SEQ. ID NO. 15).

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**Figure 12:** Comparison of the nucleotide sequences between the human (top row) and the rat S10-87 (bottom row) cDNA clones. The overall identity is 90.8%.

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**Figure 13:** Comparison of the deduced amino acid sequences between the human (top row) and the rat (bottom row) S10-87 receptors. The overall identity is 93.9%.

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**Figure 14A:** Nucleotide sequence of the full length human S10-95 clone (SEQ. ID NO. 7).

**Figure 14B:** Deduced amino acid sequence encoded by the nucleotide sequence of Figure 14A (SEQ. ID NO. 8).

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**Figure 15:** Comparison of the nucleotide sequences between the human (top row) and the rat (bottom row) S10-95 cDNA clones. The overall identity is 90.7%.

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**Figure 16:** Comparison of the deduced amino acid sequences between the human (top row) and the rat (bottom row) S10-95 receptors. The overall identity is 93.8%.